INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 03/00920

See patent family annex.

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: C22F 1/18, G21C 3/07, G21C 3/20, G21C 21/02 According to International Patent Classification (IPC) or to both national classification and IPC

Further documents are listed in the continuation of Box C.

Special categories of cited documents:

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: C22C, C22F, G21C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE, DK, FI, NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI

A US 4	933136 A (JOHN P. FOSTER ET AL), 12 June 1990 (12.06.90), column 4, line 60 - column 5, line 3; column 6, line 61 - column 7, line 16 770847 A (ELIAS PLAZA-MEYER ET AL), 13 Sept 1988 (13.09.88), column 1, line 52 - column 2, line 36; column 4,	1-22
	13 Sept 1988 (13.09.88), column 1,	1-22
	13 Sept 1988 (13.09.88), column 1,	1-22
	line 14 - column 5, line 15	
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(1=22

) *	Special categories of cited documents:	"T"	later document published after the international filing date or priority		
"A"	document defining the general state of the art which is not considered to be of particular relevance		date and not in conflict with the application but cited to understand the principle or theory underlying the invention		
"E"	filing date		document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive		
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) document referring to an oral disclosure, use, exhibition or other means		step when the document is taken alone		
"0"			document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination		
"P"	document published prior to the international filing date but later than the priority date claimed	" &r"	being obvious to a person skilled in the art document member of the same patent family		
Date	Date of the actual completion of the international search		Date of mailing of the international search report		
8	Sept 2003		0 9 -09- 2003		
Nan	Name and mailing address of the ISA/		Authorized officer		
Swe	Swedish Patent Office		}		
Box	Box 5055, S-102 42 STOCKHOLM		Nils Engnell/MP		
Facs	imile No. +46 8 666 02 86	Telephone No. + 46 8 782 25 00			
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INTERNATIONAL SEARCH REPORT

International application No.
PCT/SE 03/00920

		PCT/SE 03/00920
C (Continu	ation). DOCUMENTS CONSIDERED TO BE RELEVANT	
Category*	Citation of document, with indication, where appropriate, of the releva	ant passages Relevant to claim No
A	US 5519748 A (RONALD B. ADAMSSON ET AL), 21 Ma 1996 (21.05.96)	y 1-22
A	US 4718949 A (IWAO TAKASE ET AL), 12 January 1 (12.01.88), column 3, line 13 - column 5, column 7, line 4 - line 24	988 1-22 line 5;

Form PCT/ISA/210 (continuation of second sheet) (July 1998)

INTERNATIONAL SEARCH REPORT

International application No. PCT/SE 03/00920

	ent document n search report		Publication date		Patent family member(s)	Publication date
US	4933136	A	12/06/90	CN DE EP ES UP UP UP KR	85106811 A 3575039 D 0195154 A,B 546854 A 8702029 A 1816078 C 5028356 B 61217793 A 9402699 B	03/09/86 00/00/00 24/09/86 01/12/86 01/03/87 18/01/94 26/04/93 27/09/86 30/03/94
US	4770847	A	13/09/88	DE ES ES IT IT JP JP	3318584 A,C 522690 A 8502568 A 1171072 B 8321303 D 59016955 A 61055584 B	01/12/83 01/01/85 01/04/85 10/06/87 00/00/00 28/01/84 28/11/86
WO	9415343	A1	07/07/94	DE EP ES FI JP JP SE SE US	69309305 D,T 0674800 A,B 2102810 T 952981 A 3031714 B 8505225 T 506174 C 9203871 D 5620536 A	23/10/97 04/10/95 01/08/97 16/06/95 10/04/00 04/06/96 17/11/97 00/00/00 15/04/97
US	5519748	Α .:	21/05/96	DE EP SE ES JP MX US	69405911 D,T 0624882 A,B 0624882 T3 2107131 T 7090521 A 9402969 A 5618356 A	02/04/98 17/11/94 16/11/97 04/04/95 31/01/95 08/04/97
US	4718949	Α	12/01/88	CA DE JP JP JP	1230805 A 3504031 A,C 1680138 C 3044275 B 60165580 A	29/12/87 19/09/85 13/07/92 05/07/91 28/08/85